

佐賀大学大学院工学系研究科  
環境・エネルギー科学グローバル教育プログラム  
博士後期課程（外国人留学生－在日）  
学生募集要項

**Guide for the Application for  
the Foreign Students of  
Post-graduate Program for Global Advancement (PPGA)  
in Environmental and Energy Science**

**(Doctor Course)**

**2018**

1. First application

Application Deadline: June 8, 2018.

Examinations and Interview: June 29, 2018.

Academic year start: October 1, 2018.

2. Second application

Application Deadline: July 13, 2018.

Examinations and Interview: August 30, 2018.

Academic year start: October 1, 2018.

Graduate School of Science and Engineering  
SAGA UNIVERSITY

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**Post-graduate Program for Global Advancement (PPGA)  
in Environmental and Energy Science**

**(Doctor Course)**

**2018**

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- APPLICATION FORM (Enclosed Booklet)

GUIDE FOR THE APPLICATION FOR  
THE FOREIGN STUDENTS OF  
POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA)  
IN ENVIRONMENTAL AND ENERGY SCIENCE

The Post-graduate Program for Global Advancement (PPGA) in Environmental and Energy Science provides all lectures, seminars, and internships, etc. on sciences and technologies solving global environmental and energy problems in English for both foreign and Japanese students. Students from overseas can learn and study completely in Japan without a hurdle of Japanese language. The PPGA is an educational course in the Graduate School of Science and Engineering, Saga University, that started in October 2013, in order to bring up global researchers and engineers who will contribute to the environmental and energy science. This is a call for application to a three-year Doctor Course from the academic year of 2018.

Nowadays, science and engineering progress rapidly. We have received both benefits and negative influences from the science and engineering. Programs from the standpoint of environmental and energy conservation are necessary for developments of science and engineering that contribute to human prosperity. Educational study of the environmental and energy science should be performed from the all-round and global viewpoint. The PPGA has been established in the Graduate School of Science and Engineering in order to discuss and solve environmental and energy problems. The scope and goal of this PPGA is the education for students to possess an all-round insight for the environment and energy from the global point of view after their completion by acquiring knowledge and thinking power on various fields related to industrial manufacturing, construction, and biology, etc.

In the Doctor Course program of the PPGA, education and research guidance of the fields are given in the Graduate School of Science and Engineering: Chemistry and Applied Chemistry, Mechanical Engineering, Electrical and Electronic Engineering, Civil Engineering and Architecture, and Advanced Technology Fusion. Applicants are encouraged to decide the research fields and prospective relevant supervisor(s) appearing on the List of Academic Staffs, and contact with the supervisor(s).

Students who complete the Doctor Course program of the PPGA are granted the Doctor's Degree (Science, Engineering or Ph.D.). The month of entrance for foreign students is October, and they can enter the PPGA course immediately after completing their Master's Degree program without learning Japanese language.

## Qualifications

1. **Nationality:** Non-Japanese citizens staying in Japan can apply for this program.
  2. **Academic carrier:** The following candidates may apply for admission.
    - a. Those who have received Master's Degree from Japanese University as of September 30, 2018.
    - b. Those who have received a Degree equivalent to Master's Degree of Japanese Universities in foreign country, or will receive it in foreign country as of September 30, 2018.
    - c. Those who have received a Degree equivalent to Master's Degree of Japanese Universities from a foreign school through correspondence education in Japan, or will receive the Degree as of September 30, 2018.
    - d. Those who have received a Degree equivalent to Master's Degree of Japanese Universities at educational institutions of the foreign country in Japan, which is designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government, or will receive the Degree as of September 30, 2018.
    - e. Those who have been designated by the Minister of Education, Culture, Sports, Science and Technology of the Japanese Government.
    - f. Those who are 24 years old or more as of September 30, 2018, and are admitted by the Graduate School of Saga University as that their academic abilities are equivalent to or higher than Master's Degree of Japanese Universities upon reviewing the submitted materials.
- \* Those who intend to apply based on the terms e or f should submit the application form to the Entrance Examination Office of Saga University one month earlier than the application

deadline.

3. **Language proficiency:** A good working level of English is required.

### Tuition expenses

1. **Entrance examination fee:** 30,000 yen.  
(N.B. The entrance examination fee is not necessary for the applicant who will graduate the Master Course from this University in September, 2018.)
2. **Entrance fee:** 282,000 yen.
3. **Tuition fee:** 267,900 Yen for each semester (scheduled). [535,800 Yen per academic year (scheduled).] Amount of due might be slightly revised depending on the decision of the administration council.

Payments must be done for each semester biannually within the beginning two months of the semester.

For the information on the tuition assistance, exemption subsidization, and scholarships is available at the Benefits section in the following pages.

### Selection

1. Selection for admission shall be achieved by written and/or oral examinations on the selected major subjects and interview. All examinations and interview will be conducted in English on **June 29 and August 30, 2018**, for the first and second applications, respectively. The detail of entrance examination will be noticed when the admission ticket is sent.
2. The final results of selection will be noticed to the applicant by a letter. It will be dispatched on **July 10 and September 11, 2018** for the first and second applications, respectively.
3. A few students can be admitted.

### Admission

1. Date of enrollment is October 1, 2018.
2. Date of registration for admission: September 25 to September 28, 2018. If the applicant does not register on these days, his/her admission shall be canceled.
3. Admission shall be canceled if the applicant fails to receive the Master's Degree on or before September 30, 2018.

### Application

1. Applicants should prepare the following documents to be forwarded to the Dean of the Graduate School of Science and Engineering, Saga University.
  - ① **Application Form** (Form A).
  - ② Official transcript of **Master's degree** or certificate representing that the applicant will be conferred Master's degree by September 30, 2018. Official transcript of Bachelor's degree is required in the case that the applicant will be qualified by the criterion 2-e of **QUALIFICATIONS** described above. The transcript or certificate must be sealed by the authority or sent directly from the college. Original diploma is also acceptable; in this case the examination office may exemplify the diploma and the original may be returned at the office.
  - ③ Transcripts of **Academic Record** issued by university authorities and its English translation. (The criteria of academic assessment should be also shown.)
  - ④ English summary of **Master Thesis** or it's equivalent if available, not exceeding four sheets of A4 size paper typed in double space. If a Master Thesis is not required by the University from which the applicant graduated, prepare a statement to this matter.
  - ⑤ Certificate of **Citizenship** issued by appropriate authorities.
  - ⑥ **Recommendation and Reference**
    - a. A letter of **Recommendation** (Form B) from the head (Dean, in case of University) of the applicant's affiliated institution.

b. Letter(s) of **Reference** (Form C) from those who know the applicant's research/study capability addressed to the Dean of the Graduate School of Science and Engineering.

The letters of recommendation and reference should indicate the English proficiency of the applicant. Enclose, therein, a certificate indicating the scores of TOEFL or a corresponding English Ability Test, if any.

- ⑦ Three **Photographs** (hatless portrait), 4.5 cm × 3.5 cm in size, taken within six months before the date of application. Two copies should be attached to the application form. One extra copy should be enclosed therein, with the applicant's name and nationality on the reverse side of the copies.
  - ⑧ **Entrance Examination Fee:** 30,000 yen.
2. All documents should be sent by registered mail and received by the Entrance Examination Office between
- June 1 and June 8, 2018** for the first application  
**June 11 and July 13, 2018** for the second application.

### **Remarks**

1. The above documents should be type-written in English on A4 size paper.
2. Incomplete documents are not acceptable.
3. None of the documents submitted is returned to the applicant.

### **Notes**

1. The applicant will be deprived his/her entrance under the following cases:
  - a. False statements on the documents.
  - b. Violation of the pledge.
2. Applicants are recommended to be well acquainted with the Japanese language, culture, customs, etc. A knowledge of the Japanese language is necessary in daily life.
3. Applicants are expected to complete their Doctor Course Program within three years.

### **Benefits**

1. Exemption of tuition fee from complete to 50% may be granted depending on circumstances.
2. There are several scholarships for private-expense foreign students. Students can apply for these scholarships.
3. Housing: Students can apply to Saga University International House, or low-cost apartments supported by Saga prefecture and other organizations.

### **Correspondence**

Any correspondence relating to the application for the PPGA should be sent by mail to the address below.

**Entrance Examination Office**  
**Saga University**  
**1 Honjo-machi**  
**Saga 840-8502, Japan**  
**E-mail: [ppga@mail.admin.saga-u.ac.jp](mailto:ppga@mail.admin.saga-u.ac.jp)**

# ACADEMIC STAFFS FOR GRADUATE SCHOOL OF SCIENCE AND ENGINEERING [DOCTOR COURSE]

Academic Staff	Major Teaching and Research Field
<b><i>Course of Electronics and Information Systems</i></b>	
<b>Chair of Electrical and Electronic Engineering</b>	
<b>Electronics, Information and Communication</b>	
Toyoda, I., Tanaka, T. and Nishiyama, E.	<i>Advanced Microwave Engineering</i>
Furukawa, T. and Itoh, H.	<i>Advanced Computational Engineering</i>
Guo, Q.	<i>Advanced Optoelectronics</i>
Tanaka, T.	<i>Photoelectronic Materials and Devices</i>
Unsettled	<i>Integrated Circuit Design</i>
Wakuya, H.	<i>Bionic and Cybernetic Engineering</i>
Hara, S.	<i>Photovoltaic System</i>
Sasaki, S.	<i>Advanced Electronics Packaging Technology</i>
<b>Advanced Power Electronics</b>	
Kasu, M.	<i>Power Electronic Devices and Materials</i>
Oishi, T.	<i>Microwave Electronic Devices and Circuits</i>
Ohtsu, Y. and Ihara, S.	<i>Plasma Energy Engineering</i>
Takahashi, K.	<i>Surface and Interface Dynamics</i>
<b><i>Course of Mechanical Engineering and Physical Science</i></b>	
<b>Chair of Mechanical Engineering</b>	
<b>Thermo-Fluid Energy Engineering</b>	
Miyara, A., Mitsutake, Y. and Kariya, K.	<i>Thermal Engineering, Heat and Mass Transfer</i>
Kinoue, Y. and Shiomi, N.	<i>Fluid Engineering</i>
<b>Material and Design Engineering</b>	
Hagihara, S., Hattori, N., Tadano, Y., Taketomi, S. and Morita, S.	<i>Mechanics of Materials, Solid and Structures</i>
Zhang, B. and Hasegawa, H.	<i>Design and Production Engineering</i>
Tsujimura, T. and Izumi, K.	<i>Advanced Robotics</i>
Sato, K.	<i>Control Engineering, Robust Adaptive Control</i>
<b>Ocean Energy Engineering</b>	
Imai, Y.	<i>Ocean Engineering</i>
Arima, H.	<i>Thermal Engineering</i>
Ikegami, Y.	<i>Thermal Energy Conversion Systems</i>
<b><i>Course of Environmental Science and Engineering</i></b>	
<b>Chair of Chemistry and Applied Chemistry</b>	
<b>Inorganic Materials Chemistry</b>	
Koikawa, M. and Yamada, Y.	<i>Coordination Chemistry</i>
<b>Organic Materials Chemistry</b>	
Unsettled	<i>Advanced Organic Chemistry</i>
Oishi, Y.	<i>Advanced Organic Materials</i>
Hanamoto, T., and Osada, S.	<i>Advanced Biological Materials</i>
Narita, T.	<i>Advanced Polymeric Materials</i>

### **Environmental Physical Chemistry**

Unsettled  
Era, M.

Unno, M.  
Sakaguchi, K.  
Tominaga, M.

*Physical Chemistry of Amphiphilic Materials*  
*Physical Chemistry for Photonic and Optoelectronic Materials*  
*Biological Molecular Spectroscopy*  
*Physical Chemistry of functionalized materials*  
*Advanced Bioelectrochemistry*

### **Environmental Chemistry and Engineering**

Ohto, K. and Morisada, S.  
Takamuku, T.

*Environmental Chemical Engineering*  
*Functional Molecular Chemistry*

### **Chair of Civil Engineering and Architecture**

#### **Civil Engineering**

Chai, J., Hino, T. and Suetsugu D.  
Ijima, K. and Obiya, H.  
Ito, Y.

*Geotechnical Engineering*  
*Structural Engineering*  
*Construction Materials*

#### **Environmental System Engineering**

Ohgushi, K. and Yamanishi, H.  
Narumol, V. , Li, H. and Inohae, T.

*Water Environmental System*  
*Urban System and Environment*

#### **Architecture and Urban Design**

Mishima, N. and Goto, R., Kojima, S. and  
Nakaohkubo, K.

*Urban Design and Architecture*  
*Environmental Design for Architecture*

## ***Course of Advanced Technology Fusion***

### **Chair of Advanced Technology Fusion**

#### **Biomedical Engineering**

Goto, S. and Sugi, T.  
Matsuo, S., Hashimoto, T. and Sumi, T.  
Teramoto, K.  
Ueno, N.  
Md. T. I. Khan  
Muramatsu, K.  
Dozono, H.  
Unsettled  
Kimoto, A.  
Yamaoka, Y.

*Systems Control*  
*Fluid Engineering*  
*Sensing Systems*  
*Interface devices*  
*Biomedical Motion Sensing*  
*Computational Electromagnetics*  
*Soft Computing*  
*Bioimaging*  
*Biosensors*  
*Biomedical Imaging*

#### **Advanced Material Chemistry**

Watari, T., Akatsu, T. and Yada, M.  
Takeshita, M.  
Kawakita, H.

*Functional Ceramics*  
*Advanced Organic Materials*  
*Environmental Chemical Engineering*



# MAJOR TEACHING AND RESEARCH FIELDS

## Graduate School of Science and Engineering [Doctor course]

### *Course of Electronics and Information Systems*

#### *Chair of Electrical and Electronic Engineering*

##### **Electronics, Information and Communication**

*Advanced Microwave Engineering*.....Toyoda, I., Tanaka,T. and Nishiyama, E.  
*Advanced Computational Engineering* .....Furukawa, T. and Itoh, H  
*Advanced Optoelectronics* .....Guo, Q.  
*Photoelectronic Materials and Devices*.....Tanaka, T.  
*Integrated Circuit Design* ..... Unsettled  
*Bionic and Cybernetic Engineering* ..... Wakuya, H.  
*Photovoltaic System* ..... Hara, S.  
*Advanced Electronics Packaging Technology* .....Sasaki, S.

##### **Advanced Power Electronics**

*Power Electronic Devices and Materials*..... Kasu, M.  
*Microwave Electronic Devices and Circuits*.....Oishi, T.  
*Plasma Energy Engineering*..... Ohtsu, Y. and Ihara, S.  
*Surface and Interface Dynamics*.....Takahashi, K.

### *Course of Mechanical Engineering and Physical Science*

#### *Chair of Mechanical Engineering*

##### **Thermo-Fluid Energy Engineering**

*Thermal Engineering*..... Miyara, A., Mitsutake, Y. and Kariya, K.  
Thermodynamics, energy conversion, power plant systems  
Heat exchanger, condensation, evaporation, absorption  
*Fluid Engineering*..... T., Kinoue, Y. and Shiomi, N.  
Turbomachinery, compressible fluid flow, effective utilization of fluid energy,  
multiphase flow

##### **Material and Design Engineering**

*Mechanics of Materials, Solid and Structures* ..... Hagihara, S., Hattori, N.,  
Tadano, Y., Taketomi, S. and Morita, S.  
Strength of materials  
Advanced solid mechanics  
Computational mechanics  
Numerical analysis for structures  
Fatigue strength of metals and advanced materials  
*Design and Production Engineering* .....Zhang, B., Hasegawa, H. and Mawatari, T.  
Design of machinery and machine elements  
Tribology of machine elements  
Surface engineering  
*Advanced Robotics* ..... Tsujimura, T. and Izumi, K.

Sustainable robot design	
Networked robot control systems	
Meta-heuristics for robots	
<i>Control Engineering</i> .....	Sato, K.
Control theory, robust control, adaptive control	

### **Ocean Energy Engineering**

<i>Ocean Engineering</i> .....	Imai, Y.
Wave energy conversion system, Marine hydrodynamics, Floating system	
<i>Thermal Engineering</i> .....	Arima, H.
Boiling heat transfer, two-phase flow, effective utilization of thermal energy	
<i>Thermal Energy Conversion Systems</i> .....	Ikegami, Y.
Ocean thermal energy conversion plant, development of thermal energy conversion system	

## ***Course of Environmental Science and Engineering***

### ***Chair of Chemistry and Applied Chemistry***

#### **Inorganic Materials Chemistry**

<i>Coordination Chemistry</i> .....	Koikawa, M. and Yamada, Y.
Education and studies on synthesis, structure, and physical properties of metal complexes	
Structural aspects of metal complexes	
Basic coordination chemistry	

#### **Organic Materials Chemistry**

<i>Advanced Organic Chemistry</i> .....	Unsettled
Transition metal-catalyzed organic synthesis	
Chemistry of hypervalent iodine compounds	
<i>Advanced Organic Materials</i> .....	Oishi, Y. and Narita, T.
Education and studies on syntheses, structures and properties of polymers and functional organic materials	
Polymeric material sciences	
Structure of organic thin films	
<i>Advanced Biological Materials</i> .....	Hanamoto, T. and Osada, S.
Organic fluorine chemistry.	
Synthesis and structure of biologically active peptides.	
Chemistry of ion channel forming peptides.	
Mechanism-based design and synthesis of enzyme or receptor inhibitors.	

#### **Environmental Physical Chemistry**

<i>Physical Chemistry of Amphiphilic Materials</i> .....	Unsettled
Self-organization of Amphiphiles	
Polymer - Amphiphile Interactions	
<i>Physical Chemistry for Photonic and Optoelectronic Materials</i> .....	Era, M.
Optoelectronic materials	
Advanced Solid State Chemical Physics	
<i>Physical Chemistry for Biological Molecules</i> .....	Unno, M.
Molecular Spectroscopy	
Biophysics of Photoreceptor Proteins	
<i>Physical Chemistry of functionalized materials</i> .....	Sakaguchi, K.

Functionalized carbon materials  
 Fabrication and evaluation of organic devices  
*Physical Chemistry for bioelectrochemistry*.....Tominaga, M.  
 Bioelectrochemistry  
 Bio-fuel cell

### **Environmental Chemistry and Engineering**

*Environmental Chemical Engineering*..... Ohto, K. and Morisada, S.  
 Advanced environmental chemistry  
*Solution Chemistry*.....Takamuku, T.  
 Education and studies on structure and dynamics of liquids and solutions  
 Mixing state of binary solutions on nano-scale  
 Solvation structure of biomolecules in binary solutions  
 Physicochemical properties of room-temperature ionic liquids  
 Structure and dynamics of liquids confined in nano-space

### **Chair of Civil Engineering and Architecture**

#### **Civil Engineering**

*Geotechnical Engineering* ..... Chai, J.,Hino, T. and Suetsugu, D.  
 Theory and practice of geotechnical engineering prediction and prevention of  
 ground disaster  
 Advanced geotechnical engineering  
 Advanced geo-environmental engineering  
 Geomechanics and rock engineering  
 Advanced soil mechanics  
*Structural Engineering* ..... Ijima, K. and Obiya, H.  
 Advanced earthquake engineering  
 Theory of basic and application of large scale structure systems  
 Advanced structural analysis  
 System analysis of structures  
 Advanced structural design  
 Advanced computational mechanics  
*Construction Materials* .....Ito, Y.  
 Improvement of mechanical properties of construction materials  
 Utilization of waste materials  
 Advanced concrete engineering  
 Maintenance management of concrete structures  
 Development of inspection technique for concrete structure  
 Advanced geotechnical materials  
 Geotechnical materials engineering

#### **Environmental System Engineering**

*Water Management System*.....Ohgushi, K., Yamanishi, H. and Narumol, V.  
 Water resources engineering  
 Wastewater treatment systems  
 Computational hydraulics and remote sensing engineering for water environment  
 Water resources management  
 Water environmental systems engineering  
 Environmental systems engineering  
 Water pollution control systems  
 Advanced hydraulic network system planning  
 Planning theory on water environment

*Urban System and Environment* ..... Li, H., and Inohae, T.  
 Basic principle and application of urban planning and transportation planning  
 Advanced urban space design  
 Advanced transportation planning  
 Advanced environmental evaluation

**Architecture and Urban Design**

*Urban Design and Architecture* ..... Mishima, N., and Goto, R.,  
 Basic principle and application of urban planning and transportation planning  
 Advanced urban space design  
 Advanced transportation planning  
 Advanced environmental evaluation

*Environmental Design for Architecture* .....Kojima, S. and Nakaohkubo, K.  
 Town space design  
 Advanced Architectural environmental control  
 Urban and Building Environment

***Course of Advanced Technology Fusion***

***Chair of Advanced Technology Fusion***

**Biomedical Engineering**

*Intelligent Control Engineering*..... Goto, S. and Sugi, T.  
 Compensation of hand movement by additional force  
 Power system control; Reliability analysis of equipments in power stations,  
 Modeling and analysis of geothermal power station  
 Plant system control; Modeling and control of Ocean/Spring Thermal Energy  
 Conversion(OTEC/STEC), Modeling and control of chemical plant  
 Mechatronic system control; Simulator for articulated robot arm,  
 Cooperative control of plural robots, Forcefree control

*Bioimaging and Sensing*.....Kimoto, A. and Yamaoka, Y.  
 Bioimaging; Wearable functional near-infrared spectroscopy system  
 Bioimaging; Ultra-high spatial resolution bioimaging of cells  
 Bioimaging; Oxygen bioimaging in cell using genetic biosensors  
 Biosensors; Intelligent-composite multisensors  
 Biosensors; Tactile sensors mimicking human perceptions  
 Biosensors; Non-invasive imaging with composite sensors  
 Biomedical imaging; Photoacoustic imaging

*Applied Computing*..... Muramatsu, K. and Dozono, H  
 Numerical analysis of electromagnetic field  
 Optimal design of electromagnetic apparatus  
 Modelling of magnetic materials  
 Soft computing  
 Self-organizing maps

*Fluid Engineering*..... Matsuo, S., Hashimoto, T. and Sumi, T.  
 Compressible fluid flow, effective utilization of fluid energy, multiphase flow

*Sensing Systems*..... Teramoto, K.  
 Non-destructive testing.  
 Inverse problems in multidimensional sensing.  
 Wave-field analysis  
 Biomedical sensing by ultrasound

Photonic Sensing.  
Nano-scale Sensing.  
Signal processing

*Interface Devices*.....Ueno, N.

Mechanoluminescences Sensor  
Dynamic Imaging Analysis  
Human Interface

*Biomedical Motion Sensing*..... Md. T. I. Khan

Sensing systems of biomedical engineering dynamics

### **Advanced Material Chemistry**

*Functional Ceramics* ..... Watari, T., Akatsu, T. and Yada, M.

Education and studies on structural and functional ceramics  
Advanced inorganic materials  
Preparation of ceramics: solid state reaction, sol-gel process, reactive infiltration  
Eco-friendly ceramics: luminescence materials for energy-saving, ceramic recycle  
and porous ceramics for environmental cleanup  
Nano-size functional ceramics: nano-fiber, nano-tube, nano-composites  
Ceramic composite

*Advanced Organic Materials* ..... Takeshita, M.

Advanced supramolecular chemistry  
Molecular design of advanced materials

*Environmental Chemical Engineering* ..... Kawakita, H.

Separation and removal material preparation of metals  
Modified saccharides and polysaccharides synthesis using enzymatic reaction

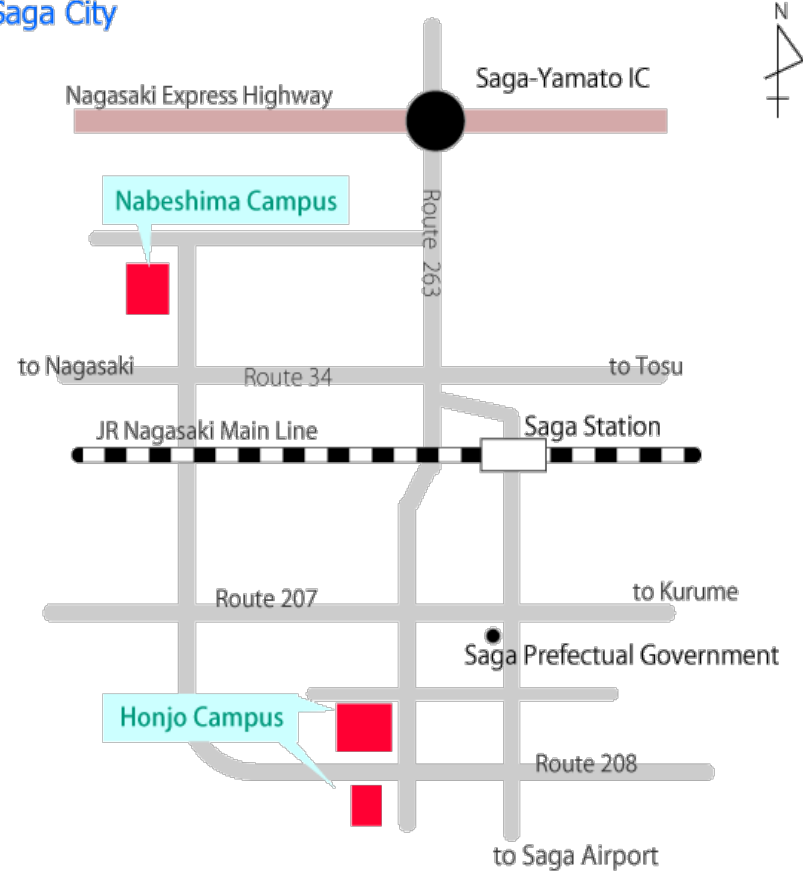
# Access to Honjo Campus, Saga University



- By Air**
- Saga  $\xleftrightarrow{\text{about 105 minutes}}$  Tokyo (Haneda)
  - Fukuoka  $\xleftrightarrow{\text{about 105 minutes}}$  Tokyo (Haneda)
  - Fukuoka  $\xleftrightarrow{\text{about 60 minutes}}$  Osaka (Itami, Kansai)

- By Train**
- Hakata  $\xleftrightarrow[\text{by Shinkansen}]{\text{about 330 minutes}}$  Tokyo
  - Hakata  $\xleftrightarrow[\text{by Shinkansen}]{\text{about 150 minutes}}$  Shin-Osaka
  - Saga  $\xleftrightarrow[\text{by JR Express Train}]{\text{about 35 minutes}}$  Hakata

## Saga City



**POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA)  
IN ENVIRONMENTAL AND ENERGY SCIENCE**

**GRADUATE SCHOOL OF SCIENCE AND ENGINEERING,  
SAGA UNIVERSITY**

**A P P L I C A T I O N F O R M**

**INSTRUCTIONS (記入上の注意)**

1. Application should be typewritten or written in Roman block capitals.  
(記入は楷書又は大文字のローマ字体を用いること。)
2. Numbers should be written in Arabic figures.  
(数字は算用数字を用いること。)
3. Year should be written in the Anno Domini system.  
(年号はすべて西暦とすること。)
4. Proper nouns should be written in full and not be abbreviated.  
(固有名詞はすべて正式な名称とし、一切省略しないこと。)
5. An Examination fee of 30,000 Yen should be enclosed.  
(検定料 30,000 円を添えること。)
6. Write your name and the address within the box below for notifying the result of the selection. This box will be used for the addressing stickers.  
(合格通知書等を送付するので氏名と住所を下記欄に記入のこと。この欄は住所ラベルとして使用する。)

Name :

Present :  
address

Tel/Fax :

POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA)  
IN ENVIRONMENTAL AND ENERGY SCIENCE  
GRADUATE SCHOOL OF SCIENCE AND ENGINEERING, SAGA UNIVERSITY  
(DOCTOR COURSE)

2018年度佐賀大学大学院工学系研究科環境・エネルギー科学グローバル教育プログラム(博士後期課程)入学志願票

Course

- Electronics and Information Systems
- Mechanical Engineering and Physical Science
- Environmental Science and Engineering
- Advanced Technology Fusion

Chair and Research Field

Chair : \_\_\_\_\_

Research Field : \_\_\_\_\_

Name of the desired supervisor (指導を希望する主指導教員名をかみならず記入すること。)

\_\_\_\_\_

Paste a passport sized photograph or digital image taken within the past 6 months. Write your name and nationality in block letters on the back of the photo.  
(4.5 cm × 3.5 cm photo)  
(写真 (4.5 cm × 3.5 cm) )

1. Name in full, in native language (姓名(自国語))

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(Family name) (First name) (Middle name)

In Roman block capitals (ローマ字)

(Sex)  
 Male (男)  
 Female (女)

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(Family name) (First name) (Middle name)

(Marital Status)  
 Single (未婚)  
 Married (既婚)

2. Nationality  
(国籍) \_\_\_\_\_

3. Date of birth (生年月日) Year 19 \_\_\_\_\_, Month \_\_\_\_\_, Date \_\_\_\_\_, Age \_\_\_\_\_ (As of April 1st, 2018)  
(年) (月) (日) (年齢)

4. Present status; with the name of the university attended, or of the employer  
(現職(在学大学名又は勤務先名まで記入すること))

\_\_\_\_\_

5. Present address and telephone number, facsimile number or E-mail address  
(現住所及び電話, ファックス番号, E-mail アドレス)

Present address (現住所) : \_\_\_\_\_

電話番号/FAX 番号(Telephone/facsimile number) : \_\_\_\_\_

E-mail address : \_\_\_\_\_

6. Permanent address (本籍): \_\_\_\_\_

7. Field of specialization studied in the past (Be as detailed and specific as possible.)

(過去に専攻した専門分野(できるだけ具体的に詳細に書くこと。))

\_\_\_\_\_



8. Educational background (学歴)

	Name and Address of School (学校名及び所在地)	Year and Month of Entrance and Completion (入学及び卒業年月)	Amount of time spent at the school attended (修学年数)	Diploma or Degree awarded, Major subject (学位・資格, 専攻科目) When taking leave of absence, the period and reason. (休学した場合はその期間・理由)
Elementary Education (初等教育)	Name (学校名)	From (入学)	years (年)	
Elementary School (小学校)	Location (所在地)	To (卒業)	and months (月)	
Secondary Education (中等教育)	Name (学校名)	From (入学)	years (年)	
Lower Secondary School (中学)	Location (所在地)	To (卒業)	and months (月)	
Upper Secondary School (高校)	Name (学校名)	From (入学)	years (年)	
	Location (所在地)	To (卒業)	and months (月)	
Higher Education (高等教育)	Name (学校名)	From (入学)	years (年)	
Undergraduate Level (大学)	Location (所在地)	To (卒業)	and months (月)	
Graduate Level (大学院)	Name (学校名)	From (入学)	years (年)	
	Location (所在地)	To (卒業)	and months (月)	
Total years of schooling mentioned above (以上を通算した全学校教育修学年数) as of April 1, 2018 (2018年4月1日現在)			years(年)	

\* If the blank spaces above are not sufficient for the information required, please attach a separate sheet ((注)上欄に書ききれない場合には、適当な別紙に記入して添付すること。)

9. State the titles or subjects of books or papers (including graduation thesis authored by the applicant), if any, with the name and address of publisher and the date of publication.  
(著書, 論文(卒業論文を含む。))があればその題名, 出版社名, 出版年月日, 出版場所を記すこと。)

\* Accompany this form with a summary of the papers mentioned above. ((注)論文の概要を添付のこと)

10. Employment Record: Begin with the most recent employment, if applicable. (職歴)

Name and address of organization (勤務先及び所在地)	Period of employment (勤務期間)	Position (役職名)	Type of work (職務内容)
	From To		
	From To		

11. Japanese language background, if any (日本語の学習歴)

i) Name and address of institution (学習機関及びその住所)

ii) Period of study: from \_\_\_\_\_ to \_\_\_\_\_ , \_\_\_\_\_  
 (学習期間) Year (年) Month (月) Year (年) Month (月) Years (年間)

iii) Name of teacher (教師名)

iv) Japanese language proficiency: Evaluate your level and insert an X where appropriate in the following blank space. (日本語能力を自己評価のうえ、該当欄に×印を記入すること。)

	Excellent(優)	Good(良)	Fair(可)	Poor(不可)
Reading (読む能力)				
Writing (書く能力)				
Speaking (話す能力)				

12. Foreign language proficiency: Evaluate your level and insert an X where appropriate in the following blank space. (外国語能力を自己評価のうえ、該当欄に×印を記入すること。)

	Excellent(優)	Good(良)	Fair(可)	Poor(不可)
English(英語)				
French(仏語)				
German(独語)				
Spanish(西語)				

13. Family background (家族状況)

Name(氏名)	Relationship (続柄)	Age (年齢)	Occupation (職業)

14. Accompanying Dependents (Provide the following information if you plan to bring any family members to Saga, Japan.) 同伴家族欄 (佐賀に来る場合, 同伴予定の家族がいる場合に記入すること。)  
 \* He/She is advised to take into consideration various difficulties and the great expense that will be involved in finding living quarters. Therefore, those who wish to be accompanied by their families are advised to come alone first and let their dependents come after suitable accommodation has been found.

(注) 家族用の宿舎をみつめることは相当困難であり賃貸料も非常に割高になるのであらかじめ承知されたい。このため、留学生はまず単身で佐賀に来て、適当な宿舎をみつけた後、家族を呼び寄せること。

Name (氏名)	Relationship (続柄)	Age (年齢)

15. Person to be notified in applicant's home country in case of emergency: (緊急の際の母国の連絡先)

i) Name in full(氏名): \_\_\_\_\_

ii) Address : with telephone number, facsimile number, e-mail address:(住所:電話番号,ファックス番号及び e-mail アドレスを記入のこと。)

現住所(present address): \_\_\_\_\_

電話番号/FAX 番号(Telephone/facsimile number): \_\_\_\_\_

E-mail address : \_\_\_\_\_

iii) Occupation (職業): \_\_\_\_\_

iv) Relationship (本人との関係): \_\_\_\_\_

16. Immigration Records to Japan. (日本への渡航記録)

Date (日付)	Purpose (渡航目的)
From To	
From To	

Date of application(申請年月日): \_\_\_\_\_

Applicant's signature(申請者署名): \_\_\_\_\_

Applicant's name (in Roman

block capitals)(申請者氏名): \_\_\_\_\_

POST-GRADUATE PROGRAM FOR GLOBAL ADVANCEMENT (PPGA)  
IN ENVIRONMENTAL AND ENERGY SCIENCE (DOCTOR COURSE)  
ADMISSION TICKET FOR THE EXAMINATION  
Graduate School of Science and Engineering, Saga University  
2018年度佐賀大学大学院工学系研究科環境・エネルギー科学グローバル教育プログラム(博士後期課程)  
受験票

1. Course (志望コース)

- Electronics and Information Systems
- Mechanical Engineering and Physical Science
- Environmental Science and Engineering
- Advanced Technology Fusion

Chair and Research field (志望部門, 研究分野)  
Chair \_\_\_\_\_ Research Field \_\_\_\_\_

Photo  
4.5cm × 3.5cm  
  
Taken within 6 months.

2. Sex  Male (男)  Female (女)

3. Name in full; in native language (氏名 (自国語))

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(Family name) (First name) (Middle name)  
In Roman block capitals (ローマ字)

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(Family name) (First name) (Middle name)

( 切 り 取 り 線 )

領収番号※第 号

納 付 書 EXAMINATION FEE		
※第	号	受験者氏名 (Applicant's Name)
平成 30 年度	研究科名 (Graduate Course)	工学系研究科
	専攻名 (Department)	システム創成科学専攻
<div style="border: 1px solid black; display: inline-block; padding: 5px; margin: 5px;"> <p style="font-size: 1.2em; margin: 0;">¥ 30,000</p> </div> 日本円に限る (JAPANESE CURRENCY)		
ただし, 入学検定料 (EXAMINATION FEE)		
※ 平成 年 月 日 領収		

領 収 証 書 RECEIPT
<div style="border: 1px solid black; display: inline-block; padding: 10px; margin: 10px;"> <p style="font-size: 1.5em; margin: 0;">¥ 30,000</p> </div> 日本円に限る (JAPANESE CURRENCY)
ただし, 入学検定料 (EXAMINATION FEE)
※ 平成 年 月 日
受験者氏名 (Applicant's Name)
_____ 様
国立大学法人佐賀大学

領収証書及び納付書の氏名, 研究科及び専攻名欄には, 必ず氏名を明記すること。

※印の欄は、記入しないこと。

(Applicant should not fill in except his/her name, Graduate Course and Department.)

推 薦 書  
LETTER OF RECOMMENDATION

佐賀大学長 様  
To: President of Saga University

被推薦者  
Recommendee

氏名  
Full Name: \_\_\_\_\_

生年月日  
Date of Birth: \_\_\_\_\_

国籍  
Nationality: \_\_\_\_\_

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日付  
Date: \_\_\_\_\_  
(month) (date) (year)

推薦者  
Recommender  
署名  
Signature: \_\_\_\_\_  
氏名  
Print Name: \_\_\_\_\_

役職  
Title and Institution  
(or Company): \_\_\_\_\_

現住所  
Present Address: \_\_\_\_\_

E メールアドレス  
E-mail Address: \_\_\_\_\_

証 明 書  
LETTER OF REFERENCE

佐賀大学大学院工学系研究科長 様

To: Dean of the Graduate School of  
Science and Engineering, Saga University

被証明者

Referenced person

氏名

Full Name: \_\_\_\_\_

生年月日

Date of Birth: \_\_\_\_\_

国籍

Nationality: \_\_\_\_\_

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日付

Date: \_\_\_\_\_  
(month) (date) (year)

証明者

Reference person

署名

Signature: \_\_\_\_\_

氏名

Print Name: \_\_\_\_\_

役職

Title and Institution

(or Company): \_\_\_\_\_

現住所

Present Address: \_\_\_\_\_

E メールアドレス

E-mail Address: \_\_\_\_\_